



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hiromichi TAKEMURA, et al.

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Appln. No. 09/940,510

Group Art Unit: 3682

GROUP 3600

Confirmation No.: 5221

Examiner: Not Yet Assigned

Filed: August 29, 2001

For:

METHOD AND APPARATUS FOR PREDICTING THE LIFE OF A ROLLING BEARING, ROLLING BEARING SELECTION APPARATUS USING THE LIFE

PREDICTION APPARATUS, AND STORAGE MEDIUM

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents Washington, D.C. 20231 Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO. Q66035

U.S. Appln. No. 09/940,510

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant submits the following explanations:

NSK Technical Journal No. 655 is disclosed on page 4 in the specification for the

above-identified application.

NSK Technical Journal No. 652 is disclosed on page 9 in the specification for the

above-identified application.

ASTM STP 1195, J.J.C. Hoo, Ed., 1993 is disclosed on page 5 in the specification for

the above-identified application.

Japan Tribology Conference is accompanied by an English language translation.

ASME transactions, Journal of Tribology is accompanied by an English language

translation.

Beiblatt (1993) is accompanied by an English language translation.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

Respectfully submitted,

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Date: November 28, 2001

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Form PTO-1449 ENTE Patent & Trademark Office  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Atty. Docket No.	Serial No.: 09/940,510  Confirmation No.: 5221			
			Q66035				
			Applicant: Hiromichi TAKEMURA, et al.				
			Filing Date: August 29, 2001	Group: 3682			
		U.S. PATEI	NT DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)	
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	OTHER DOCUMEN	TC (Including	Author Title Date Der	tinant Pagas	Eta)		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  NSK Technical Journal; Y. Murakami, et al.; "ROLLING CONTACT FATIGUE LIFE UNDER							
	CONTAMINATED LUB	CONTAMINATED LUBRICATION WITH SEVERAL FOREIGN PATICLES"; No. 655; pages 17-24; (1993)					
	SEVERE LUBRICATION	NSK Technical Journal; Y. Murakami, et al.; "LONG LIFE SUPER TF & HI-TF BEARINGS UNDER SEVERE LUBRICATION CONDITIONS"; No. 652; pages 9-16; (1992)					
		ASTM STP 1195; Kyozaburo Furumura et al.; "THE DEVELOPMENT OF BEARING STEELS FOR LONG					
		LIFE ROLLING BEARINGS UNDER CLEAN LUBRICATION AND CONTAMINATED LUBRICATION"; pages 199-210; (1993)					
		Japan Tribology Conference; Nippon Seiko K.K. et al.; "ROLLING FATIGUE IN A LOW A REGION";					
	(Osaka, 1997-11) pages 3	(Osaka, 1997-11) pages 324-326					
		ASME transactions; Journal of Tribology; "A NEW FATIGUE LIFE MODEL FOR ROLLING BEARINGS";					
		Vol. 107; July 1985; pages 367-378					
		Beiblatt; DIN ISO 281; "ROLLING BEARINGS"; January 1993  ActaPolytechnica, Mechanical Engineering; G. Lunberg et al.; "DYNAMIC CAPACITY OF ROLLING					
	BEARINGS"; 1947						
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EXAMINER:	DATE CONSIDERED:						
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not in conformance and not considered. Include copy of this form with next communication.